

Title (en)
CELL BUOY SYSTEM

Title (de)
ZELLULARES BOJENSYSTEM

Title (fr)
SYSTÈME DE BALISES CELLULAIRE

Publication
EP 2008367 B1 20180314 (EN)

Application
EP 07754780 A 20070330

Priority
• US 2007008315 W 20070330
• US 78869106 P 20060403

Abstract (en)
[origin: US2007232364A1] A cellular communication system includes an array of buoys disposed in a body of water. Each buoy includes a complete cellular system including a cellular transmission/reception site and associated electrical equipment for processing cellular signals. Each buoy also includes a wave energy converter (WEC) responsive to waves in the body of water for generating electrical energy for powering the associated equipment processing the cellular signals, whereby the cellular system can be continuously operated without any additional power source.

IPC 8 full level
H04B 7/15 (2006.01)

CPC (source: EP US)
B63B 22/24 (2013.01 - EP US); **F03B 13/14** (2013.01 - EP US); **F03B 13/1845** (2013.01 - EP US); **H01Q 1/248** (2013.01 - EP US); **H01Q 1/34** (2013.01 - EP US); **H04B 1/1607** (2013.01 - EP US); **H04B 1/3883** (2013.01 - EP US); **H04W 16/00** (2013.01 - EP US); **H04W 88/08** (2013.01 - EP US); **Y02E 10/30** (2013.01 - US)

Cited by
WO2021161282A1

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DOCDB simple family (publication)
US 2007232364 A1 20071004; **US 7965980 B2 20110621**; AU 2007235464 A1 20071018; AU 2007235464 B2 20111124; CA 2648183 A1 20071018; CA 2648183 C 20160621; EP 2008367 A2 20081231; EP 2008367 A4 20140326; EP 2008367 B1 20180314; ES 2671169 T3 20180605; JP 2009532988 A 20090910; JP 5031820 B2 20120926; WO 2007117470 A2 20071018; WO 2007117470 A3 20090212

DOCDB simple family (application)
US 73138007 A 20070330; AU 2007235464 A 20070330; CA 2648183 A 20070330; EP 07754780 A 20070330; ES 07754780 T 20070330; JP 2009504264 A 20070330; US 2007008315 W 20070330